

Liverpool John Moores University

Title: TENDERING AND ESTIMATING
Status: Definitive
Code: **5007BEHN** (102307)
Version Start Date: 01-08-2011

Owning School/Faculty: Built Environment
Teaching School/Faculty: Built Environment

Team	Leader
Damian Fearon	Y

Academic Level: FHEQ5
Credit Value: 12.00
Total Delivered Hours: 36.00
Total Learning Hours: 120
Private Study: 84

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	24.000
Tutorial	12.000

Grading Basis: BTEC

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS1	essay	50.0	
Test	AS2	open-book test	50.0	

Aims

To develop an understanding of tendering procedures in terms of documentation and contractual arrangements in common use.

To determine the nature, source and scope of information required to produce a tender.

To acquire an understanding of the principles and techniques of estimating.

Learning Outcomes

After completing the module the student should be able to:

- 1 Prepare a tender strategy, including identification of the activities to be undertaken, together with the timescales determine and investigate the nature, source and reliability of the information needed to produce an estimate.
- 2 Analyse the cost of resources.
- 3 Calculate module rates and prices for building operations, consistent with the approach to drawn and descriptive information found in tender documentation.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

CW	1	
CW	2	3

Outline Syllabus

Examine the nature and extent of tender documentation and procurement arrangements together with the corresponding mechanism of contractor selection.

Identify and examine the contractor's activities associated with the preparation of a tender.

Learning Activities

Part-time students should endeavour to relate the content of this module to contracts with which they have had some working experience and be encouraged to contribute such knowledge to classroom discussion. It is imperative that the students' appreciate fully the practical aspects of the work carried out under varying site conditions.

Students should be encouraged to supplement their lecture notes with background reading (text books, journals, digests, technical literature) and to discuss topics widely with lecturers and their peers before completing assignments.

Whilst all principal objectives should be achieved, students may approach the objectives from different viewpoints (e.g. design, production) depending upon their employment or technologist status (building, quantity surveying, architectural, building surveying, building control).

Assignments should be used for in-course assessment and these should be developed wherever practicable, with the help of persons currently working in industry. Either an end-of-module examination or time-controlled assignment is seen as the most realistic means of assessing this module for performance grading.

Some assignment work may be specific to this module but a substantial proportion should contribute to the overall course programme of integrative assignments.

Assessment should focus on comprehension, reasoning ability and, particularly,

application of how, where and when to use suitable materials, methods, systems and techniques. Simple recall of information and data is inappropriate at this level of study.

The balance between in-course and end-of-module assessment should be approximately equal in contributing to overall performance grades.

References

Course Material	Book
Author	CIOB
Publishing Year	1998
Title	The Code of Estimating Practice
Subtitle	
Edition	
Publisher	
ISBN	0906600650

Course Material	Book
Author	Brook, M.
Publishing Year	2004
Title	Tendering and Estimating for Construction Work
Subtitle	
Edition	
Publisher	Butterworth
ISBN	0750658491

Course Material	Book
Author	Smith, R.C.
Publishing Year	1986
Title	Estimating & Tendering for Building Work
Subtitle	
Edition	
Publisher	Longman
ISBN	0582411734

Notes

The module develops an understanding of tendering procedures in terms of documentation and contractual arrangements in common use. It also determine the nature, source and scope of information required to produce a tender, and develops an understanding of the principles and techniques of estimating.